

ABSTRACT OF THE DISCLOSURE

A fast data transmission mechanism comprises a data transmission software in a memory of each of communication devices and a data transmission interface in each device respectively for establishing a connection between the devices through at least one signal line and effecting a data transmission therebetween wherein in transmitting data from one device to the other remote one, the data transmission software divides data into a plurality of units each having a predetermined size, the units are individually transmitted to the other device through the signal line, and the other device transmits the units through a wireless communication; and in receiving data, the data transmission software in the device receives the units sent from the remote other device, the received units are sent to one of the devices through the signal line, and the data transmission software in the device regroups the units to recover as an original data.